

**Results Key:**

**JNL** = Journal or Magazine    **CNF** = Conference    **STD** = Standard

**1 Demosaicing: image reconstruction from color CCD samples**

*Kimmel, R.;*

Image Processing, IEEE Transactions on , Volume: 8 , Issue: 9 , Sept. 1999

Pages:1221 - 1228

**IEEE JNL**

**2 A new digital camera zooming solution**

*Lukac, R.; Plataniotis, K.N.;*

Electrical and Computer Engineering, 2004. Canadian Conference on , Volume: 2 , 2-5 May 2004

Pages:845 - 848 Vol.2

**IEEE CNF**

**3 Demosaicing of color images using pixel level data-dependent triangulation**

*Su, D.; Willis, P.;*

Theory and Practice of Computer Graphics, 2003. Proceedings , 3-5 June 2003

Pages:16 - 23

**IEEE CNF**

**4 An integrated 800x600 CMOS imaging system**

*Woodward Yang; Oh-Bong Kwon; Ju-Il Lee; Gyu-Tae Hwang; Suk-Joong Lee;*

Solid-State Circuits Conference, 1999. Digest of Technical Papers. ISSCC. 1999 IEEE International , 15-17 Feb. 1999

Pages:304 - 305

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**5 High-quality linear interpolation for demosaicing of Bayer-patterned color images**

*Malvar, H.S.; Li-wei He; Cutler, R.;*

Acoustics, Speech, and Signal Processing, 2004. Proceedings. (ICASSP '04). IEEE International Conference on , Volume: 3 , 17-21 May 2004

Pages:iii - 485-8 vol.3

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**6 Demosaicked image postprocessing using local color ratios**

*Lukac, R.; Martin, K.; Plataniotis, K.N.;*

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 14 , Issue: 6 , June 2004

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**7 Saturation-based adaptive inverse gradient interpolation for Bayer pattern images**

*Cai, C.; Yu, T.-H.; Mitra, S.K.;*

Vision, Image and Signal Processing, IEE Proceedings- , Volume: 148 , Issue: 3 , June 2001

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**8 Transpose memory for video rate JPEG compression on highly parallel single-chip digital CMOS imager**

*Hsieh, J.Y.F.; van der Avoird, A.; Kleihorst, P.; Meng, T.H.Y.;*

Image Processing, 2000. Proceedings. 2000 International Conference on , Volume: 3 , 10-13 Sept. 2000

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**9 Bayer image enlargement using correlated color components**

*Battiato, S.; Guarnera, M.; Mancuso, M.; Bruna, A.;*

Consumer Electronics, 2002. ICCE. 2002 Digest of Technical Papers. International Conference on , 18-20 June 2002

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**10 JPEG compression factor control: a new algorithm**

*Arcangelo, B.; Massimo, M.;*

Consumer Electronics, 2001. ICCE. International Conference on , 19-21 June 2001

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**11 Colour-difference based demosaicked image postprocessing**

*Lukac, R.; Martin, K.; Plataniotis, K.N.;*

Electronics Letters , Volume: 39 , Issue: 25 , 11 Dec. 2003

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**12 Demosaicked image postprocessing framework**

*Lukac, R.; Martin, K.; Plataniotis, K.N.;*

Electrical and Computer Engineering, 2004. Canadian Conference on , Volume: 2 , 2-5 May 2004

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**13 An efficient color image acquisition system for wireless handheld devices**

*Bei Tang; Lee, K.F.;*

Acoustics, Speech, and Signal Processing, 2004. Proceedings. (ICASSP '04). IEEE International Conference on , Volume: 3 , 17-21 May 2004

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**14 Edge-adaptive color reconstruction for single-sensor digital cameras**

*Xiaomeng Wang; Weisi Lin; Ping Xue;*

Information, Communications and Signal Processing, 2003 and the Fourth Pacific Rim Conference on Multimedia. Proceedings of the 2003 Joint Conference of the Fourth International Conference on , Volume: 1 , 15-18 Dec. 2003

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**15 A novel cost effective demosaicing approach**

*Lukac, R.; Plataniotis, K.N.; Hatzinakos, D.; Aleksic, M.;*

Consumer Electronics, IEEE Transactions on , Volume: 50 , Issue: 1 , Feb 2004

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